

Blue-sensitive universal film

X-ray film

VMS High Speed Film is a high-speed, medium- to high contrast blue-sensitive X-ray film that has been designed for use in general radiology in combination with blue-emitting rare earth and calcium tungstate intensifying screens.

Designed for a complete range of applications

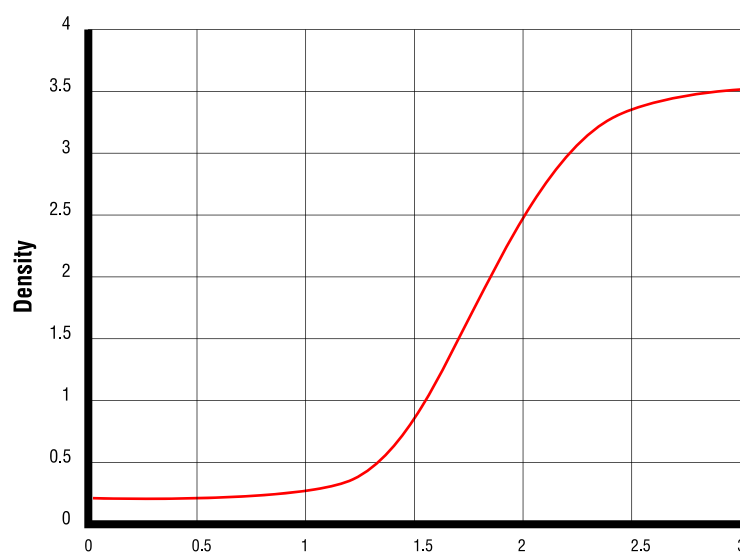
VMS High Speed Film is a universal film because of the design of the characteristic curve. On the one hand, the contrast in the middle section and in the shoulder of the curve is sufficient to guarantee excellent visualization of all relevant details in applications, such as bone work and angiography.

All lungfield structures are very clear presented as well. On the other hand, the toe of the curve has been studied in such a way, that the information in low-density areas, such as the diaphragm, retrocardial, mediastinal and spinal areas are displayed very well too.

Always Consistent Images

VMS High Speed Film excels in consistency: Disk Grain technology keeps image quality at a consistently high level, even when the film is processed in weaker chemicals or unfavorable conditions. VMS High Speed Film also has a low sensitivity to desensitizing marks. VMS High Speed Film also features permanent antistatic layer, called the Variable Range Hopping (VRH) concept. VRH results in outstanding antistatic film characteristics regardless of the climatological circumstances the film is used in.

Characteristic curve



Log E_{rel}

Seasoned premium developer, in an RP-system

Easy to read, nice neutral look

The use of a deep blue polyester base results in images with a nice, neutral look which are easier to read and more pleasant to look at.

Safelight Requirements

The use of a special red safelight filter is recommended. It should be utilized in conjunction with a 15watt frosted bulb and be positioned at least 1.2m (4feet) from the unloading/loading area and processor tray.

Processing

VMS High Speed Film is designed for RP, extended and manual processing. Agfa developer and fixer processing solutions are recommended.

Handling

The film should be handled with care. Creasing and buckling as well as physical pressure should be avoided.

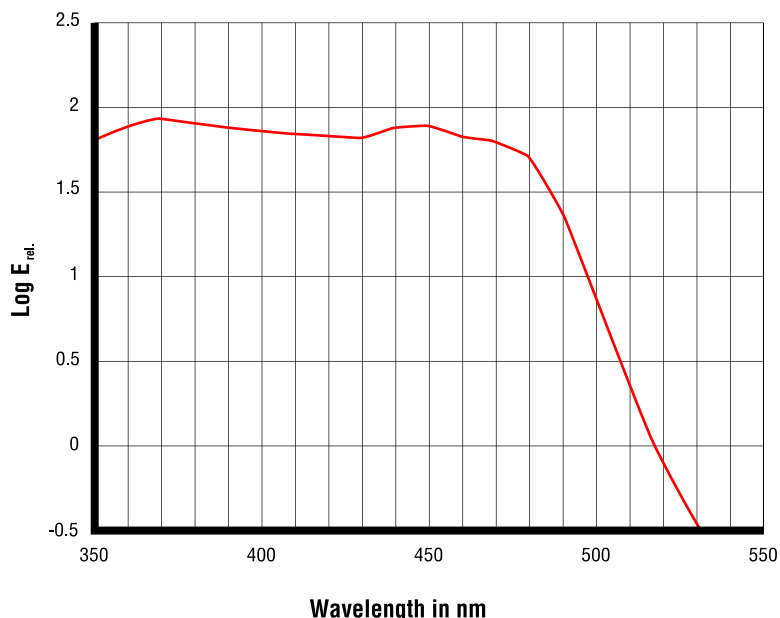
Storage

Unopened, unexposed film should be stored at or below 21°C (70°F) in a dry location. The relative humidity is preferably between 30 and 50%. In addition, the film should be protected from ionizing radiation.

Packaging

VMS High Speed Film is available in all customary sizes in 50 sheet packaging. Other packaging and sizes are available on special order. For more information, please contact VMS's commercial department.

Spectral sensitivity



Sensitivity according to the energy necessary to attain a density of 1 above fog.



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Certifications: ISO 9001:2015, ISO 14001:2015, ISO 13485:2016, CE and WHO-GMP